| | <u></u> | 4 | Page 1 of | | | |
|---|-------------------------------|----------------------------|-----------|--|--|--|
| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT | ATTY. DOCKET NO. TO EMARK OF | APPLICATION NO. 09/275,883 | | | | |
| | APPLICANT Renner et al. | | | | | |
| THI ONTAL TON BIOCECOOKE STATEMENT | FILING DATE March 25, 1999 | GROUP 1633 | | | | |
| U.S. | PATENT DOCUMENTS | | | | | |

| | | TORM TTO 1447 | | | APPLICANT Renner <i>et al.</i> | | | | |
|---------------------|-----------|--------------------|------------------|----------------|-----------------------------------|---------------|---------------|-----------|-------------|
| THIRD SUP | PLEMENTAL | INFORMATION DISCLO | SURE STATEMENT | | FILING DATE March 25, 1999 | | GROUP 1633 | | |
| | | | U. | S. P | ATENT DOCUMENTS | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | N | AME | | CLASS | SUB-CLASS | FILING DATE |
| | AA | | | \perp | | | | | |
| | AB | | | + | _ | - | | | |
| | AC | | | + | | | <u> </u> | | |
| | AD | | | + | | | | | |
| | AE | + | | + | | | | _ | |
| | AF AC | | | + | | | l | | |
| | AG AH | | · <u></u> | + | | | | | |
| | AI | | | \top | | | | | |
| | AJ | - | | 十 | · . | | | | |
| RS | AK1 | 5,766,602 | 06/16/1998 | T _x | iong, et al. | | 424 | 218.1 | 01/19/1995 |
| | AKT | 7,100,002 | | | PATENT DOCUMENTS | <u>,</u> | | | <u> </u> |
| EXAMINER | | | T TOKE | 1 | TATENT DOGGNERTO | | | | |
| INITIAL | | DOCUMENT NUMBER | DATE | C | OUNTRY | | CLASS | SUB-CLASS | TRANSLATION |
| | AL | | | | | | | | Yes No |
| | | | | | | | | | Yes No |
| | AM AN | | | | | | | | Yes |
| | AN | | | | | | | | Yes |
| | AO | | | - | - | | | | No |
| | AP | | | | | | | | Yes No |
| | . • | OTHER (| Including Author | or, | Title, Date, Pertinent | t Pages, e | tc.) | | |
| | AR | 1 | | ٠ | | · | | | |
| | AS | 1 | | | | | | , | |
| | AT | 1 | | | | | | | |
| EXAMINER | R | Del | | | | D | DATE CONSID | ERED | |

20 2000

| • | | | · | DEJO | E. | | | د این | GENTER 1600/2900 |
|--|-----------------|------------------|----------------|--|--|------------------------------|----------------------|---|---------------------|
| <u> </u> | | | | 7 | 3 1 | | APPL 1C | ATION NO. | Page 1 of <u>11</u> |
| | | | | (HOV 15 20 | 00 FTTY. DOCKET NO. | | 09/275 | | |
| | | | PTO-1449 | 1 | APPLICANT | | | | |
| FOURTH SUPP | LEMENTAL | L INFOR | MATION DISCLO | OSURE STATEMENT | Renner et al. | · · · · · · | | | |
| | | | | TIENT & | FILING DATE March 25, 1999 | | GROUP 1632 | | |
| | | | | II. | S. PATENT DOCUMENTS | | | | |
| EXAMINER | T | T | | | | | | | |
| INITIAL | | DOCL | MENT NUMBER | DATE | NAME | CLA | | SUB-CLASS | FILING DATE |
| (F) | AA2 | 5,79 | 2,462 | 08/11/1998 | Johnston, R.E. et al. | 424 | · | 199.1 | 05/23/1995 |
| | AB | | | | | | | ļ - <u></u> - | |
| - | AC | | | <u> </u> | | | | | |
| | AD | | | | | | | <u> </u> | |
| | AE | <u> </u> | | _ | | | · · · · · · | | |
| | AF | + | <u>,</u> | | | | | <u> </u> | |
| | AG | +- | <u>,,-</u> | | · | | | | |
| | AH | | | | · | | | | , |
| | IA . | | | | | | | | |
| | AJ | | <u></u> | | | | | <u> </u> | |
| | AK | | <u> </u> | | | | | | . |
| | Т | 1 | | FOR T | EIGN PATENT DOCUMENTS | · | | <u> </u> | |
| EXAMINER INITIAL | | DOCU | MENT NUMBER | DATE | COUNTRY | CLA | ss | SUB-CLASS | TRANSLATION |
| | | | | , , | | | | | Yes |
| | AL | | | | | | | | No. |
| | | | | | | | | | Yes No |
| | AM | | | | | | | | Yes |
| | AN | | | | | | | | No. |
| | | | | | | | | | Yes |
| | AO | | | | | 1,40,17 | - 10 | | No |
| | AP | | | | | | | | Yes No |
| | | | OTHER (| Including Auth | or, Title, Date, Pertinent | Pages, etc.) | | | |
| | | T | T STILL C | ************************************** | | | | | |
| | | | | | | | | | , |
| | AR | | 1 | | | | | | |
| * | | | | | | | | | |
| | | | | | · | | | | |
| | | | | | | | | | |
| Ω | | | Caley, I.J. | et al., "Humor | al, Mucosal, and Cellular 1 | lmmunity in A | Response | e to a Humar | 1 |
| | AS | <u>31</u> | Immunodefic | iency Virus Typ | be 1 Immunogen Expressed by gy $71:$ 3031-3038, American S | a Venezuela Society for M | n Equine Licrobio | e Encephalit | is Virus 1007) |
| | Ī | | vaccine vec | tor, " 5. VII 610 | /gy /1:3031-3038, American a | ociety for F | iici obio | rogy (April | 17717 |
| | ├ | | - | | | | - | | |
| | | | | | | | | | |
| 7 (| , , | 74 | Ciccarone, | v. et al., "pSF | V1 Eukaryotic Expression Ve | ector: A Nove | el Prote | ein Expressi | on System," |
| (K) | AT | <u>31</u> | Focus 15:103 | 3-105, Life Tec | chnologies, Inc. (1993) | | | | |
| ' | | _ | | | | | | | |
| EXAMINER | | '// ' | 51 | | | DATE | CONSIDE | KED / | |
| EXAMINER: Ini | مرير tial if | refere | ence consider | ed, whether or | not citation is in conforma | ance with MPN | EP 609. | Draw line | through |
| citation if no | t in co | nformar | nce and not co | onsidered. In | clude copy of this form with | h next commun | nication | n to Applica | int. |

Page 2 of 11

ATTY. DOCKET NO.

1700.0020001

APPLICATION NO. 09/275,883

APPLICANT

FORM PTO-1449

Renner et al.

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT GROUP FILING DATE March 25, 1999 1632 U.S. PATENT DOCUMENTS EXAMINER CLASS SUB-CLASS FILING DATE INITIAL DOCUMENT NUMBER DATE NAME AA ΑB AC ΑD AF AG ΑН ΑI ΑJ ΑK FOREIGN PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE CLASS SUB-CLASS TRANSLATION INITIAL Yes No AL Yes No Yes No AN Yes No ΑO Yes AP OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Davis, N.L. $et\ al.$, "A Viral Vaccine Vector That Expresses Foreign Genes in Lymph Nodes and Protects against Mucosal Challenge," $J.\ Virology\ 70:3781-3787$, American Society for Microbiology AR 32 (1996) DiCiommo, D.P. and R. Bremner, "Rapid, High Level Protein Production Using DNA-based Semliki Forest Virus Vectors," J. Biol. Chem. 273:18060-18066, The American Society for Biochemistry and AS <u>32</u> Molecular Biology, Inc. (July 1998) Grakoui, A. et al., "A cis-Acting Mutation in the Sindbis Virus Junction Region Which Affects Subgenomic RNA Synthesis," J. Virology 63:5216-5227, American Society for Microbiology (1989) 32 ΑT DATE CONSIDERED **EXAMINER** 1128/01



100 2 D 2000

Page 3 of 11

ATTY. DOCKET NO. 1700.0020001

CATENT & TRADE

APPLICATION NO. 09/275,883

B 1600/2900

FORM PTO-1449

| FOURTH SUP | | | | | APPLICANT | | | | | | | |
|-------------------|------------------|------------------|-----------------------------------|--|--|---|------------------------------|------------------------------|----------------------|--|--|--|
| | <u>PLEMENTAL</u> | INFOR | MATION DISCLO | SURE STATEMENT | Renner et al. FILING DATE | | GROUP | | | | | |
| | | | | | March 25, 1999 | | 1632 | | | | | |
| | | 1 | | U.S | - PATENT DOCUMENTS | | | T | | | | |
| XAMINER NITIAL | | DOCU | MENT NUMBER | DATE | NAME | CL | .ASS | SUB-CLASS | FILING DATE | | | |
| <u> </u> | AA | | | | | | | | | | | |
| | AB | | | | | | | | | | | |
| | AC | | | | | | | | | | | |
| | AD | | | | | | | | | | | |
| | AE | | | | , | | | | | | | |
| | AF | <u> </u> | | | | | | | | | | |
| | AG | | | <u> </u> | | | | | | | | |
| | АН | | | | | | | | | | | |
| | ΑI | | | | | | | ļ | | | | |
| | AJ | | | | | | | <u> </u> | | | | |
| | AK | | | | <u> </u> | | | <u> </u> | | | | |
| | | | | FORE | IGN PATENT DOCUMENTS | | | | <u> </u> | | | |
| XAMINER | | | | | COLUMN | CI | ACC | CLID-CLASS | TRANSLATION | | | |
| NITIAL | | DOCU | MENT NUMBER | DATE | COUNTRY | | ASS | SUB-CLASS | Y | | | |
| | AL | | | | | | | 9 | | | | |
| | | 1 | | | | | | | Y | | | |
| | AM | | | | | | | | | | | |
| | | | | | | | | | Ye | | | |
| | AN | - | | | | | | | Ye | | | |
| | AO | | | 4 1 | | - VIII | | | | | | |
| | | | | | | | | | Y | | | |
| | AP | <u></u> | | | | | | | | | | |
| | | | OTHER (| Including Author | r, Title, Date, Perti | nent Pages, etc. |) | | | | | |
| RS | AR | <u>33</u> | Guan, H. <i>et</i> crinkle vir | <i>al.,</i> "RNA promo us," <i>RNA 3</i> :1401- | ters located on (-)-s 1412, Cambridge Unive | strands of a sub- ersity Press (Dec | viral RNA cember 19 | A associated 997) | l with turnip | | | |
| RS | AS | 33 | Khromykh, A and Applica | Thromykh, A.A. and E.G. Westaway, "Subgenomic Replicons of the Flavivirus Kunjin: Construction and Applications," $J.\ Virology\ 71:1497-1505$, American Society for Microbiology (February 1997) | | | | | | | | |
| PS | AT | <u>33</u> | Kunjin Virus | .A. et al., "tra s Replicon-Expre y (September 199 | ns-Complementation of essing BHK Cells," J . | Flavivirus RNA Virology 72: 727 0 | Polymera 0-7279, <i>H</i> | ase Gene NS5 American Soc | by Using iety for | | | |
| | 1 01 | // / | } - | | | DATE | CONSIDE | | | | | |



7.1.20 20%

Page 4 of 11 500/2900

APPLICATION NO.

ATTY. DOCKET N 1700.0020001

09/275,883 FORM PTO-1449 APPLICANT Renner et al. FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FILING DATE **GROUP** March 25, 1999 1632 U.S. PATENT DOCUMENTS **EXAMINER** FILING DATE INITIAL DOCUMENT NUMBER DATE NAME CLASS SUB-CLASS AA ΑB AC AD ΑE AF AG ΑH ΑI ΑJ ΑK FOREIGN PATENT DOCUMENTS **EXAMINER** DOCUMENT NUMBER DATE COUNTRY **CLASS** SUB-CLASS TRANSLATION INITIAL Yes No ΑL Yes No Yes No AN Yes No AO Yes No AP OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Khromykh, A.A. et al., "Efficient trans-Complementation of the Flavivirus Kunjin NS5 Protein but Not of the NS1 Protein Requires Its Coexpression with Other Components of the Viral Replicase," AR 34 J. Virology 73:10272-10280, American Society for Microbiology (December 1999) Kohno, A. et al., "Semliki Forest Virus-based DNA expression vector: transient protein production AS <u>34</u> followed by cell death," Gene Therapy 5:415-418, Stockton Press (March 1998) Kuhn, R.J. et al., "Mutagenesis of the 3' Nontranslated Region of Sindbis Virus RNA," J. Virology AΤ <u>34</u> 64:1465-1476, American Society for Microbiology (1990) DATE CONSIDERED EXAMINER 1/28/01

737202000

Page 5 of 11

| | ATTY. DOCKET NO. 1700.0020001 PATENT & TRINE | APPLICATION NO. 09/275,883 |
|---|---|-------------------------------|
| | APPLICANT Renner et al. | |
| | FILING DATE March 25, 1999 | GROUP 1632 |
| _ | | |

| FORM PTO-1449 | | | | | | 1700.0020001 PATENT & 19 09/213,003 | | | | | | |
|---------------|----------|-----------|---------------------------|---|--|--|-------------------------|---------------|--------------------|------------------------------|----------------------------------|--|
| | | FURM | P10-1449 | | | APPLICANT Renner et al. | | | | | | |
| FOURTH SUF | PLEMENTA | L INFOR | RMATION DISCLO | SURE STATEMENT | | FILING DATE | <u>.</u> | | GROUP | | | |
| | | | - | | | March 25, 1999 | | | 1632 | | | |
| | | | | U.S | <u>, </u> | PATENT DOCUMENTS | | | | | <u> </u> | |
| EXAMINER | | DOC | JMENT NUMBER | DATE | ١, | IAME | , | CL/ | \ss | SUB-CLASS | FILING DATE | |
| INITIAL | AA | 10000 | DELCHI NOMBER | DATE | Ť | | - | + | | | | |
| | AB | | | | † | - | <u>_</u> | | | | | |
| | AC | | | | 1 | | | | | | | |
| | AD | \dashv | | | T | | | | | | | |
| , | AE | | | | T | | | | | | | |
| | AF | | - | | | | | | | | | |
| | AG | | | | \mathbf{I} | | | | | | | |
| | АН | | | | | | | | | | | |
| | ΑI | | | | | | | \bot | | | | |
| | AJ | | | | \perp | | | | | | | |
| | AK | | | | | | | Ш_ | | <u> </u> | | |
| | | | | FORE | I GN | PATENT DOCUMENTS | <u>.</u> | | | | | |
| EXAMINER | | | | | L | COUNTRY | | CL | vec. | SUB-CLASS | TRANSLATION | |
| INITIAL | | DOCL | UMENT NUMBER | DATE | + | COUNTRY | | CL/ | 133 | 30B*CLX33 | Ye | |
| | AL | | | | | | | | | | N | |
| | - 1 | | | 7 | | | | | | | Ye | |
| | AM | | | | + | | | 1 | | | N N | |
| | AN | | | | | - | | | | | Ye N | |
| · · · | - 100 | 57 6-2- | - | 1 | | | pier - | 111 | | | Ye | |
| | AO | 100 | | | 1 | | | | | | N | |
| | | | | | | | | | | | Ye N | |
| | AP | | | <u> </u> | | | | | | <u> </u> | | |
| 75 | AR | <u>35</u> | Kujala, P. | et al., "Monoclo | na | Title, Date, Pertine Lantibodies specific -351, Society for Ge | c for Seml | iki F | orest v | irus replica ebruary 1997 | ase protein) | |
| RS | AS | <u>35</u> | Laakkonen, Actin Filam | aakkonen, P. et al., "Alphavirus Replicase Protein NSP1 Induces Filopodia and Rearrangement of ctin Filaments," <i>J. Virology 72</i> :10265-10269, American Society for Microbiology (December 1998) | | | | | | | | |
| 25 | AT | <u>35</u> | mutant viru | al., "Genetic a s defective in k y (August 1998) | ına ci l | lysis of poliovirus ling Vero cells," J . | orotein 34 Gen. Viro | : cha logy | racteri 79:1911 | zation of a 1921, Socie | non-cytopathic ty for General | |
| | | 1 / | | <u></u> | | | | | CONSIDA | | | |

EXAMINER

DATE CONSIDERED

TLV 2 0 2000

NOV 1 5 2000 15

_R 1600/2900 Page 6 of 11

ATTY. DOCKET NO. APPLICATION NO. 1700.0020001 09/275,883 FORM PTO-1449 **APPLICANT** Renner et al. FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT **GROUP** FILING DATE March 25, 1999 1632 U.S. PATENT DOCUMENTS EXAMINER CLASS SUB-CLASS FILING DATE NAME DOCUMENT NUMBER DATE INITIAL AΑ ΑB AC AD ΑE ΑF AG ΑH ΑI AJ AK FOREIGN PATENT DOCUMENTS EXAMINER TRANSLATION CLASS SUB-CLASS COUNTRY INITIAL DOCUMENT NUMBER DATE No ΑL Yes No AM Yes No Yes No AO Yes No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Landis, H. et al., "Human MxA Protein Confers Resistance to Semliki Forest Virus and Inhibits the Amplification of a Semliki Forest Virus-Basd Replicon in the Absence of Viral Structural <u>36</u> Proteins," J. Virology 72:1516-1522, American Society for Microbiology (February 1998) Levis, R. $et\ al.$, "Promoter for Sindbis Virus RNA-Dependent Subgenomic RNA Transcription," J.Virology 64:1726-1733, American Society for Microbiology (1990) AS <u>36</u> O'Reilly, E.K. $et\ al.$, "Interactions between the Structural Domains of the RNA Replication Proteins of Plant-Infecting RNA Viruses," $J.\ Virology\ 72:7160-7169$, American Society for 36 Microbiology (September 1998) DATE CONSIDERED / **EXAMINER**

NOV 1 5 2000

:: CY 20 2008

IR 1600/2900

Page 7 of 11 APPLICATION NO. ATTY. DOCKET NO. 09/275,883 1700.0020001 FORM PTO-1449 APPLICANT Renner et al. FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FILING DATE GROUP March 25, 1999 1632 U.S. PATENT DOCUMENTS EXAMINER CLASS SUB-CLASS FILING DATE NAME INITIAL DOCUMENT NUMBER DATE AA AB AC AD ΑE AF AG ΑH ΑI AJ AK FOREIGN PATENT DOCUMENTS EXAMINER TRANSLATION **CLASS** SUB-CLASS COUNTRY INITIAL DOCUMENT NUMBER DATE No AL Yes No AM Yes No AN Yes No AO Yes No AP OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Polo, J.M. et al., "Stable alphavirus packaging cell lines for Sindbis virus- and Semliki Forest virus-derived vectors," Proc. Natl. Acad. Sci. USA 96:4598-4603, The National Academy of Sciences 37 of the USA (April 1999) Pugachev, K.V. and T.K. Frey, "Effects of Defined Mutations in the 5' Nontranslated Region of Rubella Virus Genomic RNA on Virus Viability and Macromolecule Synthesis," J. Virology 72:641-AS <u>37</u> 650, American Society for Microbiology (January 1998)

DATE CONSIDERED **EXAMINER**

ΑT

<u>37</u>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Vivo, Virology 239:389-401, Academic Press (December 1997)

Pushko, P. et al., "Replicon-Helper Systems from Attenuated Venezuelan Equine Encephalitis Virus: Expression of Heterologous Genes $in\ Vitro$ and Immunization against Heterologous Pathogens in

RECEIVED

NOV 2 0 2000

| • | | | | | | 1 "" | <u> </u> | | TECH CENT | TER 1800/2006 11 |
|---|----------|-------------|---|---|--|---|------------------|-------------------------|--|-----------------------------------|
| | | | | | ATTY. DOCKE | | | APPLIC 09/275 | ATION NO. | TEN 1000/2500 |
| | | FORM | PTO-1449 | | APPLICANT | | | ., | 1-3 | |
| FOURTH SUP | PLEMENTA | AL INFO | RMATION DISCLO | DSURE STATEMENT | Renner et a | 1. | Т | GROUP | | |
| | | | | | March 25, 19 | | | 1632 | | |
| | | | | U.S | . PATENT DOCUME | NTS | $\overline{}$ | | 1 | |
| EXAMINER INITIAL | | DOC | UMENT NUMBER | DATE | NAME | | CLAS | ss | SUB-CLASS | FILING DATE |
| | AA | | | | ļ | | <u> </u> | | <u> </u> | |
| | AB | \bot | | | | | | | | |
| - | AC | | | - | <u>-</u> | | + | | | <u> </u> |
| <u>-</u> | AD AE | _ | M-M - | | | ··· | | | | |
| | AF | | - | | | | - | | | |
| | AG | | | | | | | | | |
| | АН | | | | ļ | | | | | |
| | AI | | · . | <u> </u> | | | | | <u> </u> | |
| · · · · · · · · · · · · · · · · · · · | AJ | | | | | | | | <u> </u> | |
| <u></u> | AK | | | FORE | GN PATENT DOCUM | MENTS | | | <u> </u> | |
| EXAMINER | | | <u>.</u> | T | | | | | | |
| INITIAL | | DOC | UMENT NUMBER | DATE | COUNTRY | | CLAS | SS | SUB-CLASS | TRANSLATION |
| | AL | | | | | | | | | Yes No |
| | АМ | | | | | | | | | Yes No |
| | AN | | | | | | | | | Yes . No |
| - | AO | | | | | | | | | Yes No |
| | AP | | | | | | | | | Yes No |
| | l ar | | OTHER (| Including Author | ·, Title, Date, | Pertinent Pages, | etc.) | | | |
| 25 | AR | <u>38</u> | Rikkonen, M Forest Viru | ., "Functional S s Nonstructural | ignificance of Protein nsP2," | the Nuclear-Targe Virology 218:352-3 | ting a | nd NTP cademi | -Binding Mot c Press (199 | tifs of Semliki 06) |
| 25 | AS | <u>38</u> | into non-en | . et al., "Vecto dothelial cardio er Science B.V. | vascular cells: | liki Forest virus comparison to ad ') | for reenovir | apid a us," <i>C</i> | nd efficient ardiovascula | gene transfer r Res. 35:498- |
| R> | AT | 38 | Scallan, M. Virus-Induc (February 1 | ed Programmed Ce | 2 Acts Early To ll Death," J . V | Restrict Semliki irology 71:1583-15 | Fores 590, An | t Viru merica | s Replication Society fo | on and Delays. or Microbiology |
| EXAMINER | | 21 | // 4/1~ | | | | DATE (| CONSIDI | RED 1/261/ | 5/ |
| EXAMINER: In | nitial i | f refer | ence consider | ed, whether or n | ot citation is | in conformance wi | th MPE | P 609. | Draw line n to Applica | through |

ECY 2 0 200K

NOV 1 5 2000

TECH CENTER 160002656 11

APPLICATION NO. ATTY. DOCKET NO 1700.0020001 09/275,883 FORM PTO-1449 APPLICANT Renner et al. FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT GROUP FILING DATE March 25, 1999 1632 U.S. PATENT DOCUMENTS EXAMINER SUB-CLASS FILING DATE CLASS INITIAL DOCUMENT NUMBER DATE NAME AA AB AC ΑD ΑG ΑН ΑI ΑJ AK FOREIGN PATENT DOCUMENTS EXAMINER SUB-CLASS TRANSLATION DOCUMENT NUMBER CLASS DATE INITIAL Yes No AL Yes No Yes No AN Yes No AO Yes No ΑP OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Schneider-Schaulies, S. et al., "Cell Type-Specific MxA-Mediated Inhibition of Measles Virus Transcription in Human Brain Cells," J. Virology 68:6910-6917, American Society for Microbiology <u>39</u> AR (1994)Schnorr, J.-J. et al., "MxA-Dependent Inhibition of Measles Virus Glycoprotein Synthesis in a Stably Transfected Human Monocytic Cell Line," J. Virology 67:4760-4768, American Society for <u>39</u> Microbiology (1993) Siegel, R.W. et al., "Sequence-specific recognition of a subgenomic RNA promoter by a viral RNA polymerase," Proc. Natl. Acad. Sci. USA 94:11238-11243, The National Academy of Sciences of the <u>39</u> USA (October 1997) DATE CONSIDERED EXAMINER

NOV 2 0 2000

NOV 1 5 2000 3

TECH CENTER 1690/2900

| | | | | - " | | ATTY. DOCKET NO. 1700.0020001 | OF THE STATE OF TH | APPLIC 09/275 | ATION NO. ,883 | | |
|---------------------|---------------------|--|------------------------------|---|------------------------|--|--|------------------|---------------------------|---------------|--|
| | | FORM I | PTO-1449 | | | APPLICANT | | | | | |
| FOURTH SUPPL | LEMENTAL | INFOR | RMATION DISCLO | SURE STATEMENT | } | Renner et al. FILING DATE | | GROUP | | | |
| | | | | | | March 25, 1999 | | 1632 | | <u>-</u> | |
| | | | | U.S. | <u>.</u> Р | ATENT DOCUMENTS | | | | | |
| EXAMINER INITIAL | | DOCL | JMENT NUMBER | DATE | N. | AME | CL/ | ss | SUB-CLASS | FILING DATE | |
| | AA | <u> </u> | | | Ļ | | | | | | |
| | AB | | | | ┞ | | _ | | | <u> </u> | |
| | AC | - | | | ╁ | | + | | | | |
| | AD | ┼ | | | ╀ | | ┽ | | | | |
| | AE | | | | ╁ | | | | <u> </u> | | |
| | AF | + | | | ╁╴ | | + | | | | |
| | AG | +- | | | H | . | + | | | | |
| | AH AI | | | | ╁ | · · · | + | | | | |
| | AJ | | · | | T | .A | 1 | | | | |
| | AK | | | | T | | | | | | |
| | | | | FOREI | GN | PATENT DOCUMENTS | | | | | |
| EXAMINER | | | | | Γ | | | | | | |
| INITIAL | | DOCU | IMENT NUMBER | DATE | C | OUNTRY | CLA | SS | SUB-CLASS | TRANSLATION | |
| | AL | | | | | | | | | Yes No | |
| | AM | | | | | | | | П | Yes No | |
| | AN | | | | | | | | | Yes No | |
| | AO | | | | | | | | | Yes No | |
| | | | | | | | | | | Yes No | |
| | AP | | OTUED (| Including Author | | Title Date Postinent Page | otc ' | ı | <u> </u> | 100 | |
| | | | OTHER (| Including Author | , | Title, Date, Pertinent Pages, | ett. | | | | |
| 25 | AR | <u>40</u> | Turina, M. o Mosaic Virus | et al., "Nucleoti s," Virology 241: | i de : 14 | Sequence and Infectivity of 1-155, Academic Press (Februa | a Ful ry 19 | l-Lengti 78) | n cDNA Clone | e of Panicum | |
| 25 | AS | <u>40</u> | point mutat | an Dinten, L.C. et al., "An infectious arterivirus cDNA clone: Identification of a replicase oint mutation that abolishes discontinuous mRNA transcription," <i>Proc. Natl. Acad. Sci. USA</i> 4:991-996, The National Academy of Sciences of the USA (February 1997) | | | | | | | |
| 25 | AT | <u>40</u> | Wang, J. and | d A.E. Simon, "Ar in Vitro," Virolo | na l 0 <i>g</i>) | ysis of the Two Subgenomic RN / 232:174-186, Academic Press | A Pro (May | moters 1997) | for Turnip (| Crinkle Virus | |
| EXAMINER | Ll | IJ | Sh | | | | DATE | CONSIDE | RED // 20 | 61 | |
| EXAMINER: Ini | tial if t in con | refere formar | ence consider | ed, whether or no onsidered. Inclu | ot ude | citation is in conformance wi copy of this form with next | th MP | EP 609. | Draw line n to Applica | through | |

RECEIVED

NOV 1 5 2000

NOV 2 0 2000

ATTY. DOCKET NO. 1700.0020001

Page 11 of 11
TECH CENTER 1600/2900
NO. 09/275,883

| | | | PTO-1449 | | APPLICANT Renner et al. | | | | | |
|---------------------|-----------------|--|--|--|--|--------------------------|------------------------|---------------------------|--|--|
| FOURTH SUF | <u>PLEMENTA</u> | <u>L INFOR</u> | MATION DISCLO | OSURE STATEMENT | FILING DATE GROUP March 25, 1999 1632 | | | | | |
| | | | | U.S. | PATENT DOCUMENTS | | | | | |
| EXAMINER INITIAL | | DOCU | MENT NUMBER | DATE | NAME | CL | ASS | SUB-CLASS | FILING DATE | |
| | AA | | | | | | | | | |
| | АВ | | | | | | | | | |
| | AC | | | | | | | | | |
| | AD | | | | , | | | <u></u> | | |
| | AE | | | | | | _ | | | |
| | AF | | | <u> </u> | | | | | | |
| | AG | | | 1 | | | | | | |
| | AH | | | | | | | | <u> </u> | |
| | AI | | | | | | | | | |
| | AJ | | | | | | | | | |
| | AK | | | | | | | | | |
| | | | <u> </u> | FORE 1 | GN PATENT DOCUMENTS | | | | , | |
| EXAMINER | | | | | | | | CUD OLACO | TRANCI ATTON | |
| INITIAL | | DOCU | MENT NUMBER | DATE | COUNTRY | | ASS | SUB-CLASS | TRANSLATION Yes | |
| | AL | | | | | | | | No | |
| | - A | 1 | * | | | | | | Yes | |
| <u> </u> | AM | | | | | | | | No | |
| | | | | | | | | | Yes | |
| | AN | 3 | | | | | | | No | |
| | AO | 1 | | | | 100 | | | Yes No | |
| | 1.0 | | | | | ,,, | | | Yes | |
| | AP | <u> </u> | | | | | | | No | |
| 25 | AR | 41 | Wengler, G. | , "Chapter 16. Ef | , Title, Date, Pertinent ffects of Alphaviruses on re, Replication, R.W. Schl | Host Cell M | lacromole | cular Syntl nic Press, | nesis," in <i>The</i> New York, NY, | |
| RS | AS | 41 | Zhang, J. e expression | <i>t al.</i> , "Cloning o of IL-12 in humar | of human IL-12 p40 and p35 n tumor cells," <i>Gene Thera</i> | 5 DNA into tapy 4:367-37 | he Semlil 4, Stockt | ci Forest voices (| virus vector: April 1997) | |
| B | AT | | | | • | | | | | |
| | | - | | | | I | CONSIDER | | 7 | |